
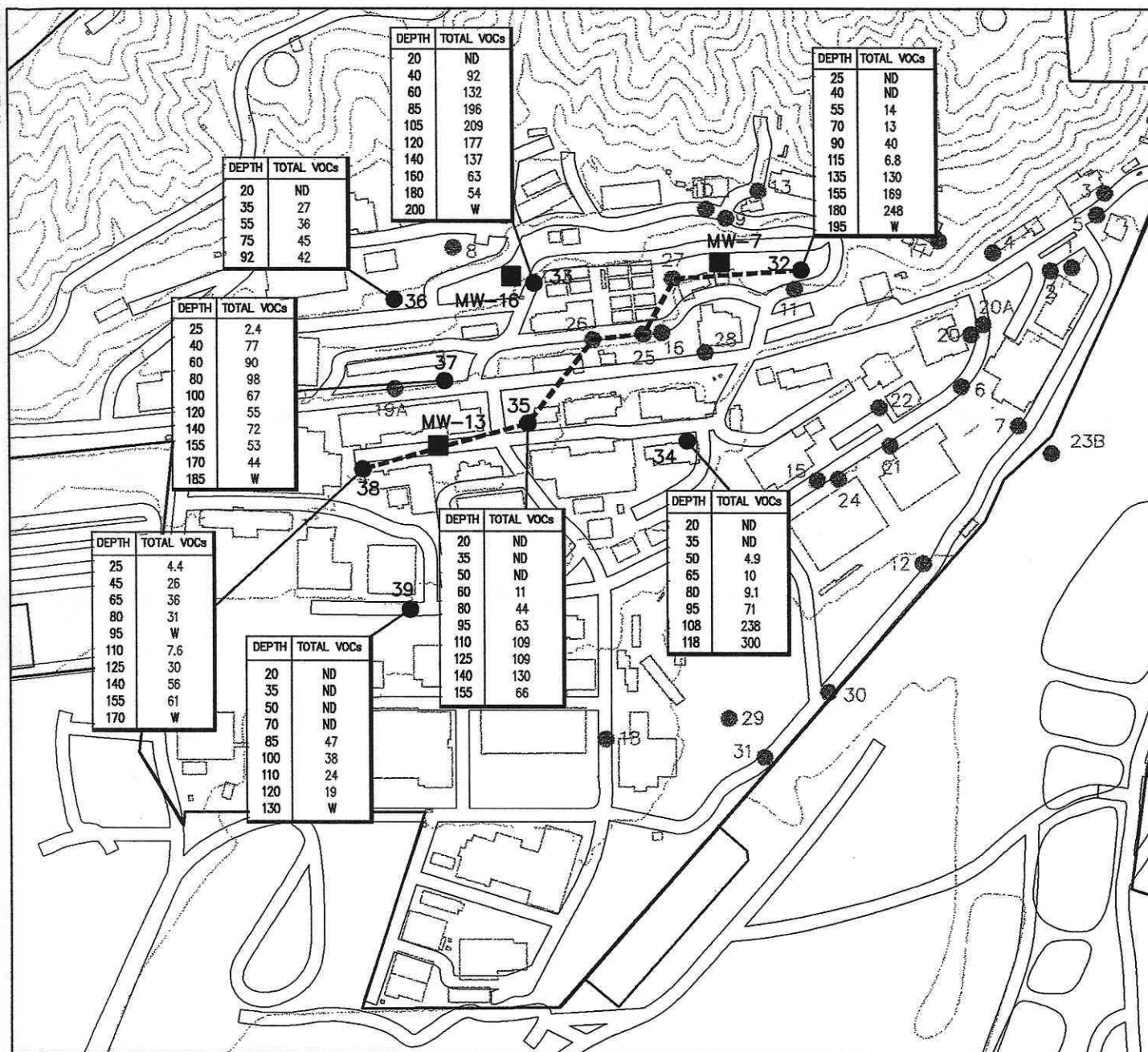


FIGURE 4-25	
VERTICAL EXTENT OF 1,1-DICHLOROETHENE FROM WEST TO EAST ACROSS THE JPL SITE, EVENT 6 MAY, 1998	
Jet Propulsion Laboratory Pasadena, California	
	FOSTER WHEELER ENVIRONMENTAL CORPORATION



## Explanation

- 39 Soil Vapor Wells Sampled During Event 7
- 31 Soil Vapor Wells Not Sampled During Event 7
- MW-7 Groundwater Monitoring Well
- VOCs Volatile Organic Compounds
- ND Non-Detect @ Laboratory Detection Limit of 1.0  $\mu\text{g/L}$ -Vapor
- W Sample Port Waterlogged; No Sample Collected
- Line of Cross Sections



400 200 0 400  
SCALE IN FEET

Source: USGS, 7.5 Minute Topographic Map  
Pasadena, CA 1966, Revised 1988, 1994.

**NOTE:**

Concentrations in  $\mu\text{g/L}$ -Vapor

FIGURE 4-26

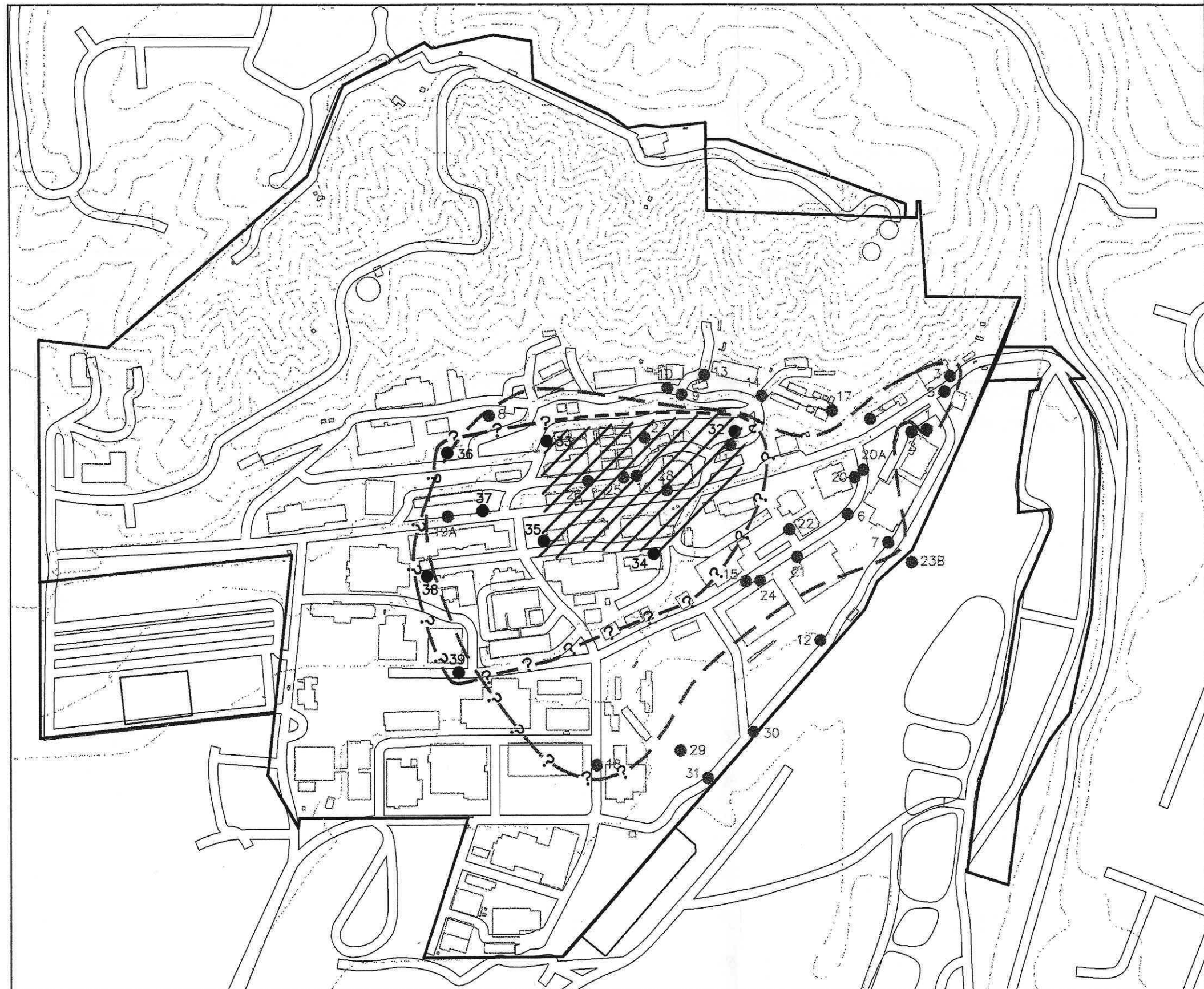
**TOTAL VOC CONCENTRATIONS  
AT DEPTH, EVENT 7  
JUNE, 1998**

Jet Propulsion Laboratory  
Pasadena, California



**FOSTER WHEELER ENVIRONMENTAL  
CORPORATION**





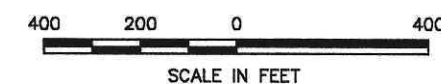
# Explanation

- 39 Soil Vapor Wells Sampled During Event 7
- 31 Soil Vapor Wells Not Sampled During Event 7

## Countours:

1. Represent minimum known areal distribution based on sampling event.
2. Not queried where some horizontal control exists.

- Carbon Tetrachloride (CCl<sub>4</sub>) Detected During Event 7
- /// Concentrations of Carbon Tetrachloride (CCl<sub>4</sub>) Exceeding 100 µg/L—Vapor at an Individual Sample Point
- - - Carbon Tetrachloride (CCl<sub>4</sub>) Detected During Events 2 and 3



Source: USGS, 7.5 Minute Topographic Map Pasadena, CA 1966, Revised 1988, 1994.

FIGURE 4-27

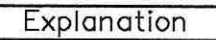
## CARBON TETRACHLORIDE, EVENT 7

JUNE, 1998


Jet Propulsion Laboratory  
Pasadena, California



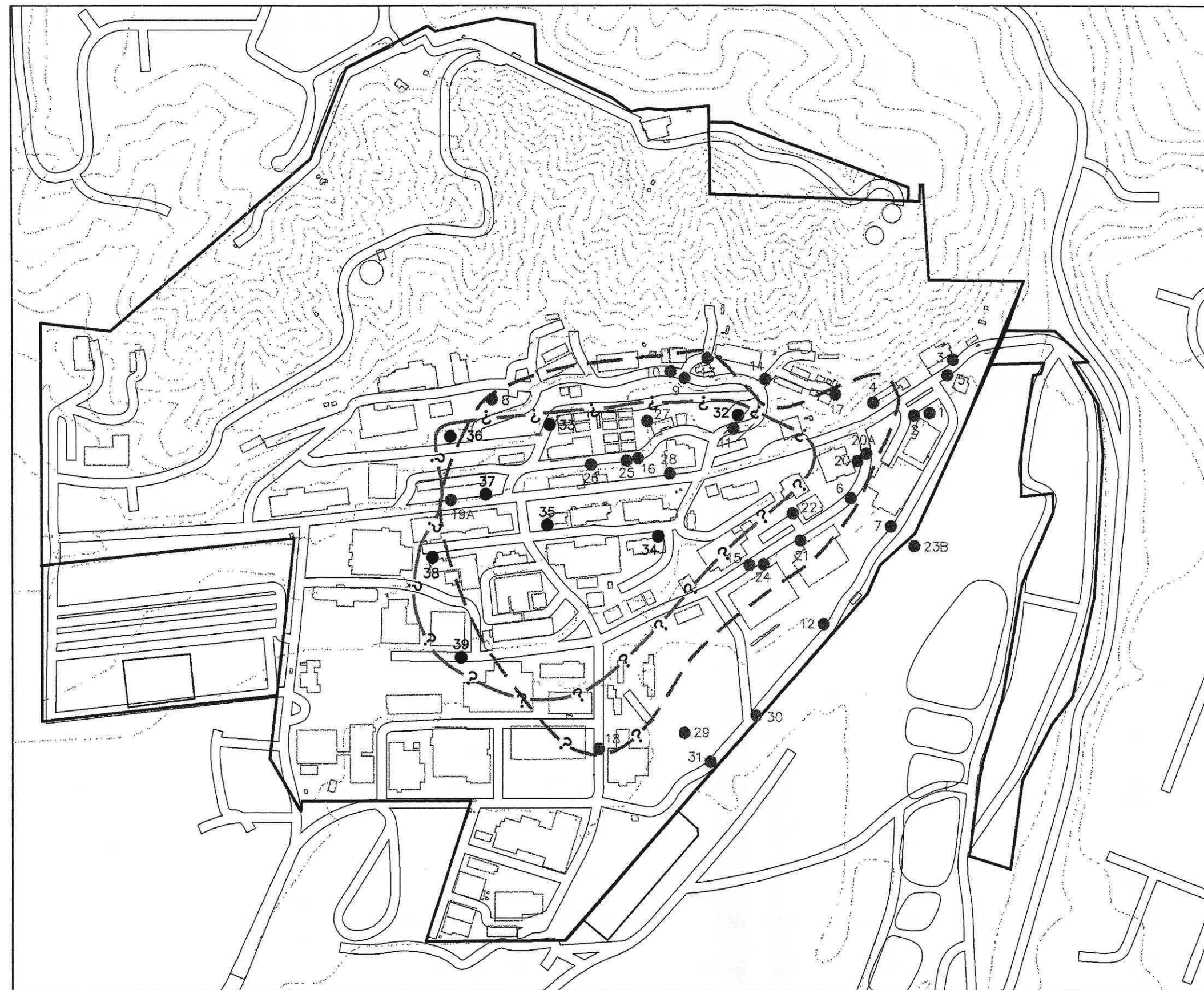
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25	Soil Vapor Sample Point and Depth
43	Concentrations of Carbon Tetrachloride ( $\mu\text{g/L}$ -Vapor)
ND	Non-Detect @ Laboratory Detection Limit of $1.0\mu\text{g/L}$ -Vapor
W	Sample Port Waterlogged; No Sample Collected
////	Estimated Approximate Groundwater Elevation During Event 7
(P)	Perched Groundwater

FIGURE 4-28	
VERTICAL EXTENT OF CARBON TETRACHLORIDE FROM WEST TO EAST ACROSS THE JPL SITE, EVENT 7 JUNE, 1998	
Jet Propulsion Laboratory Pasadena, California	
	FOSTER WHEELER ENVIRONMENTAL CORPORATION







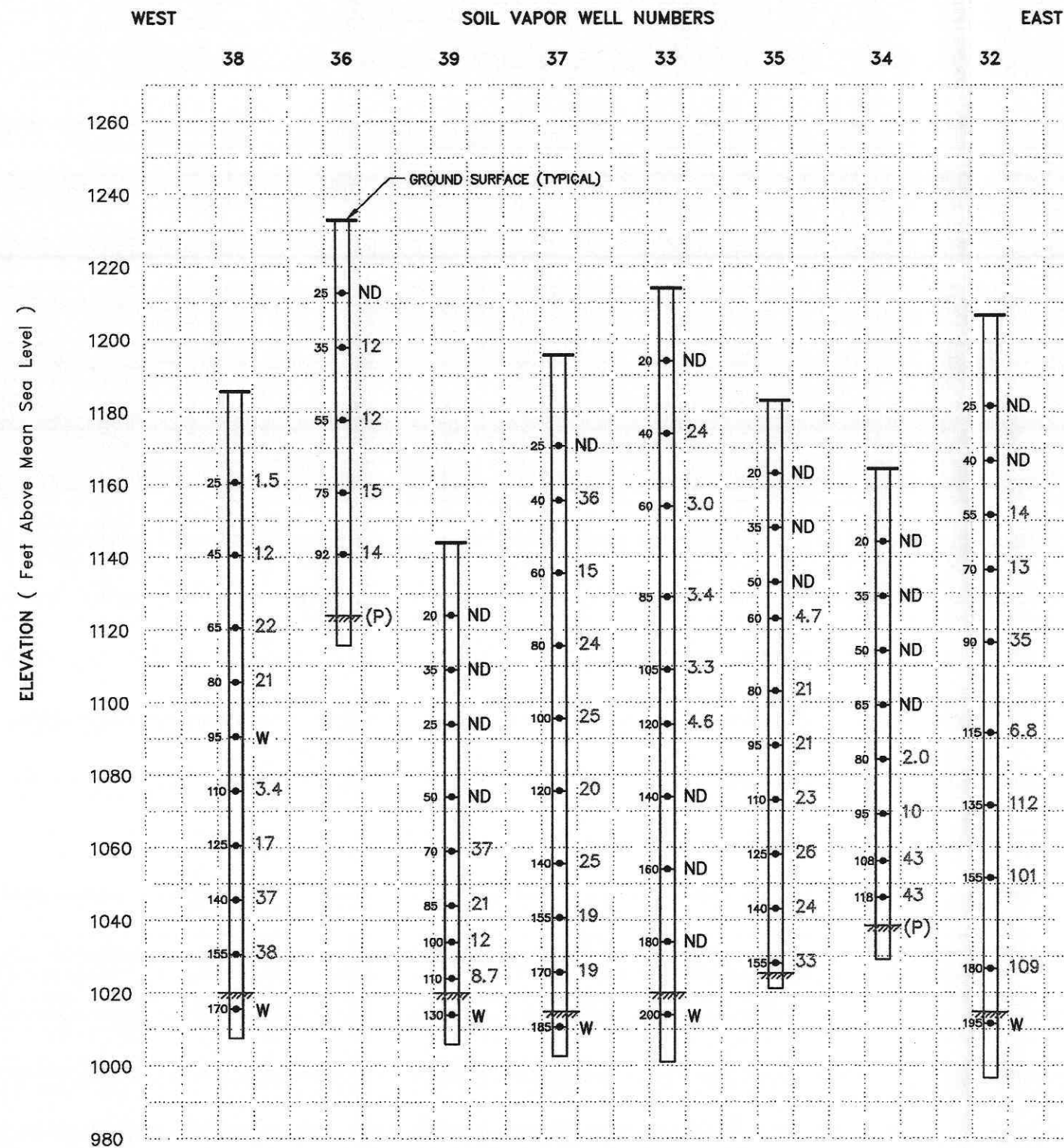
Explanation	
● 39	Soil Vapor Wells Sampled During Event 7
● 31	Soil Vapor Wells Not Sampled During Event 7
Countours:	
1. Represent minimum known areal distribution based on sampling event.	
2. Not queried where some horizontal control exists.	
<hr/>	
— ? —	Freon 113 Detected During Event 7
///	Concentrations of Freon 113 Exceeding 100 µg/L—Vapor at an Individual Sample Point
---	Freon 113 Detected During Events 2 and 3
 400 200 0 400 SCALE IN FEET Source: USGS, 7.5 Minute Topographic Map Pasadena, CA 1966, Revised 1988, 1994.	

FIGURE 4-29
<b>FREON 113, EVENT 7</b>
JUNE, 1998
Jet Propulsion Laboratory Pasadena, California
 FOSTER WHEELER ENVIRONMENTAL CORPORATION



Explanation	
25	Soil Vapor Sample Point and Depth
112	Concentrations of Freon 113 (μg/L-Vapor)
ND	Non-Detect @ Laboratory Detection Limit of 1.0 μg/L-Vapor
W	Sample Port Waterlogged; No Sample Collected
////	Estimated Approximate Groundwater Elevation During Event 7
(P)	Perched Groundwater

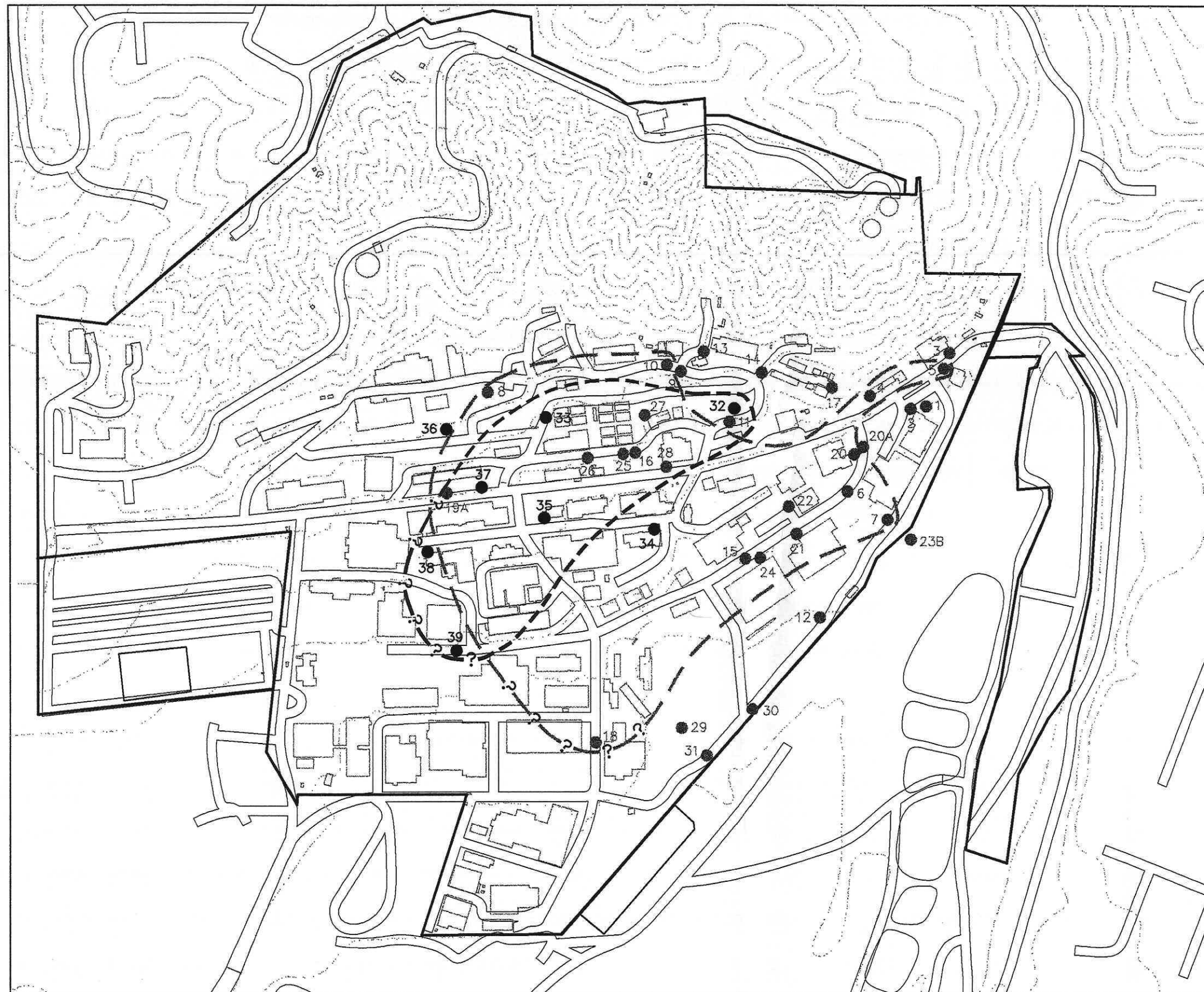
FIGURE 4-30

VERTICAL EXTENT OF FREON 113 FROM WEST TO EAST ACROSS THE JPL SITE, EVENT 7 JUNE, 1998

Jet Propulsion Laboratory  
Pasadena, California

FOSTER WHEELER ENVIRONMENTAL CORPORATION





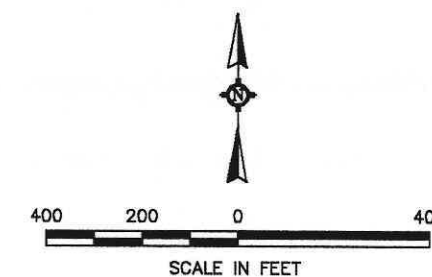
# Explanation

- 39 Soil Vapor Wells Sampled During Event 7
- 31 Soil Vapor Wells Not Sampled During Event 7

## Contours:

1. Represent minimum known areal distribution based on sampling event.
2. Not queried where some horizontal control exists.

- ? - Trichloroethene (TCE) Detected During Event 7
- - - Trichloroethene (TCE) Detected During Events 2 and 3



Source: USGS, 7.5 Minute Topographic Map  
Pasadena, CA 1966, Revised 1988, 1994.

FIGURE 4-31

## TRICHLOROETHENE, EVENT 7

JUNE, 1998

Jet Propulsion Laboratory  
Pasadena, California



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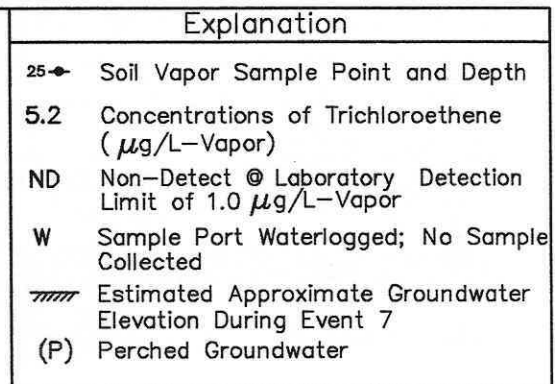

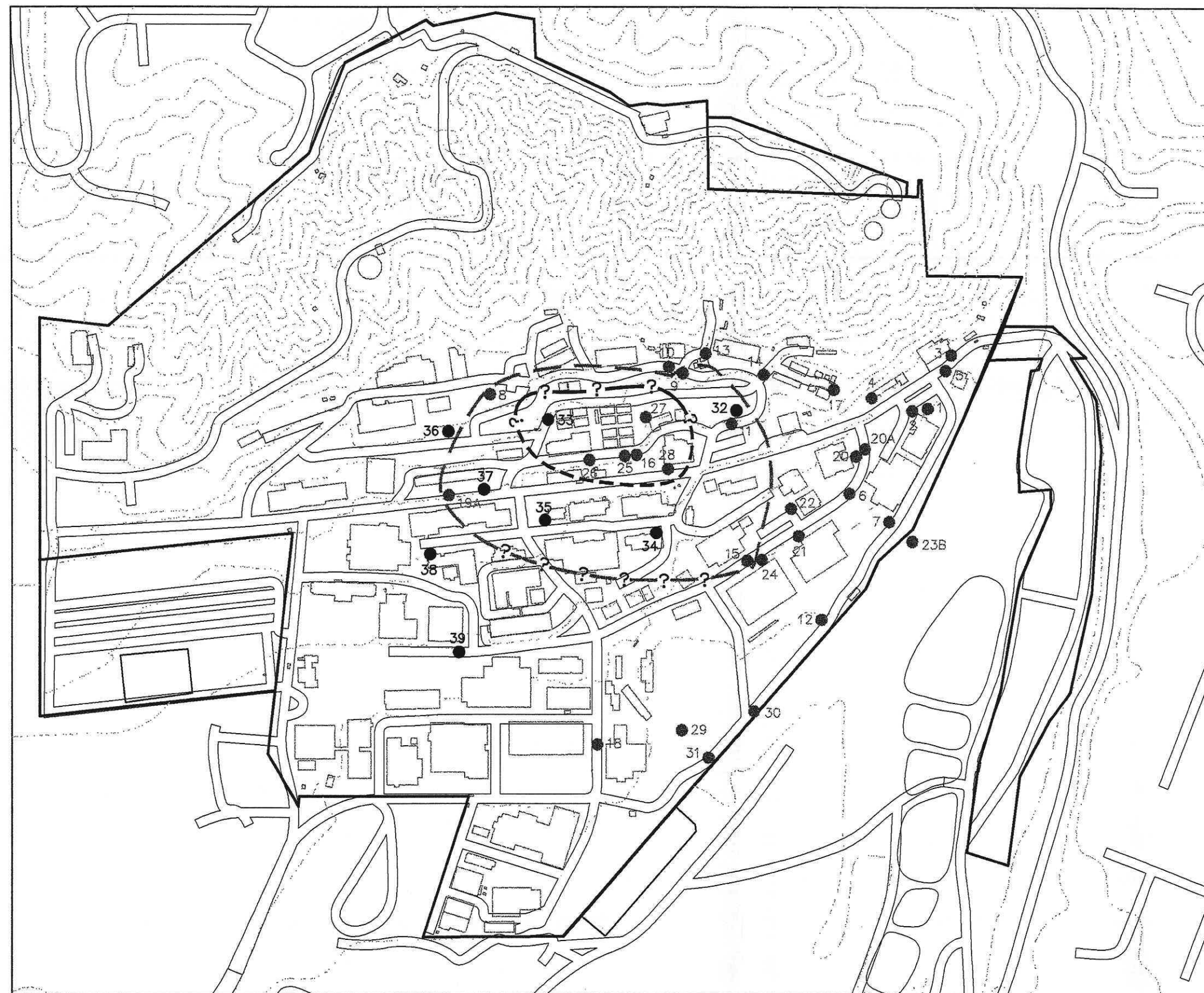


FIGURE 4-32	
VERTICAL EXTENT OF TRICHLOROETHENE FROM WEST TO EAST ACROSS THE JPL SITE, EVENT 7 JUNE, 1998	
Jet Propulsion Laboratory Pasadena, California	
	FOSTER WHEELER ENVIRONMENTAL CORPORATION





## Explanation

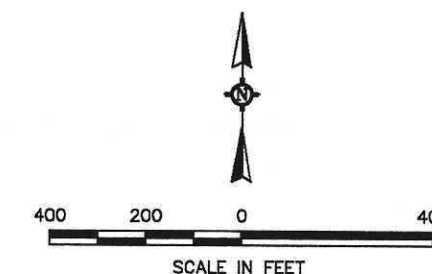
- 39 Soil Vapor Wells Sampled During Event 7
- 31 Soil Vapor Wells Not Sampled During Event 7

## Countours:

1. Represent minimum known areal distribution based on sampling event.
2. Not queried where some horizontal control exists.

—?— 1,1-Dichloroethene (1,1-DCE) Detected During Event 7

--- Lateral Extent of 1,1-Dichloroethene (1,1-DCE) Detected During Events 2 and 3



Source: USGS, 7.5 Minute Topographic Map  
Pasadena, CA 1966, Revised 1988, 1994.

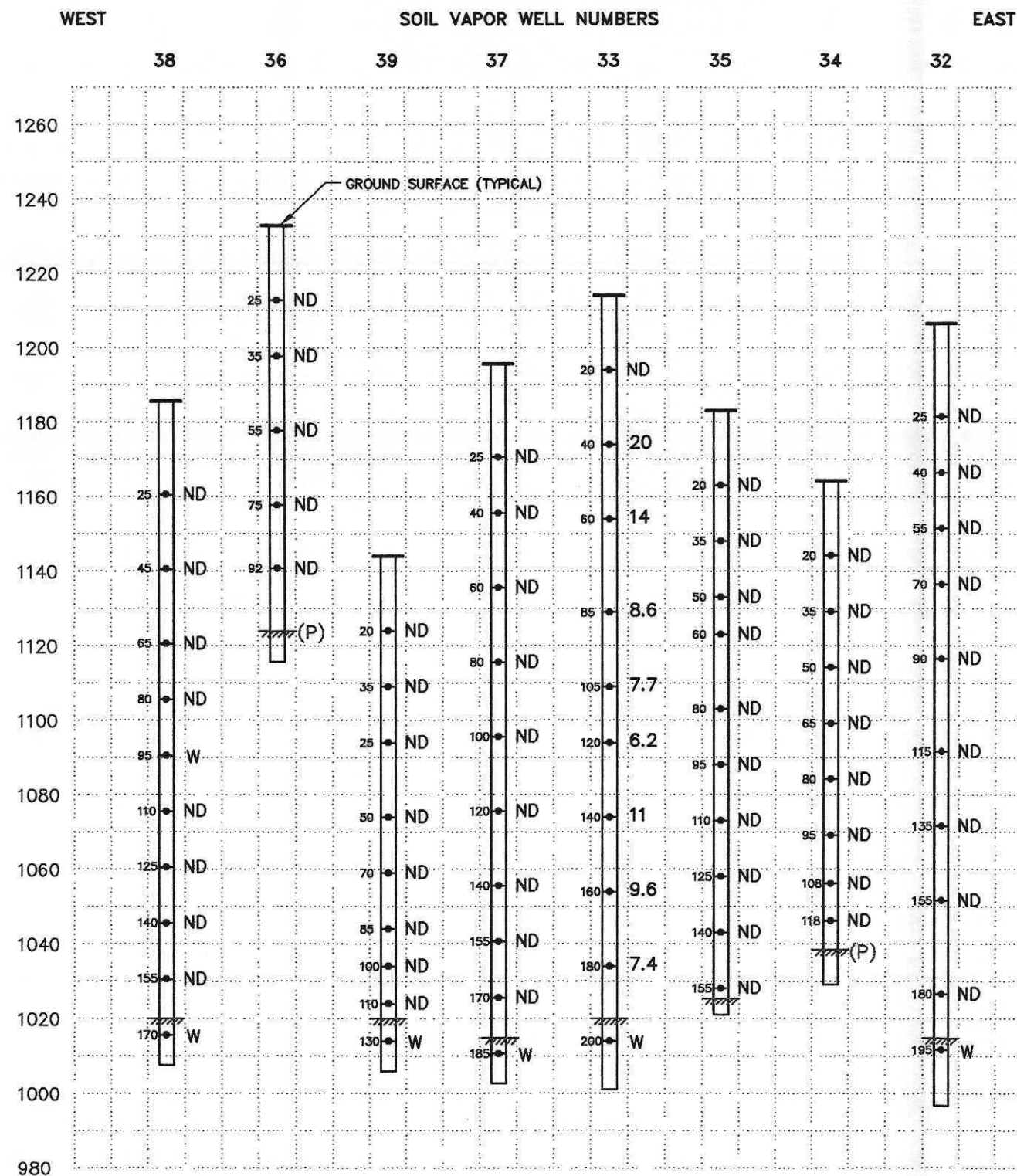
FIGURE 4-33

1,1-DICHLOROETHENE, EVENT 7

JUNE, 1998

Jet Propulsion Laboratory  
Pasadena, CaliforniaFOSTER WHEELER ENVIRONMENTAL  
CORPORATION

ELEVATION ( Feet Above Mean Sea Level )



Explanation	
25	Soil Vapor Sample Point and Depth
20	Concentrations of 1,1-Dichloroethene ( µg/L-Vapor )
ND	Non-Detect @ Laboratory Detection Limit of 1.0 µg/L-Vapor
W	Sample Port Waterlogged; No Sample Collected
////	Estimated Approximate Groundwater Elevation During Event 7
(P)	Perched Groundwater

FIGURE 4-34

VERTICAL EXTENT OF 1,1-DICHLOROETHENE FROM WEST TO EAST ACROSS THE JPL SITE, EVENT 7 JUNE, 1998

Jet Propulsion Laboratory  
Pasadena, California

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